



To replace the chip with the firmware for the ThermaViewer you will need a Phillips screwdriver and a chip puller (included).

Steps

1. Remove the back from the ThermaViewer. You can slip your thumbnail in the groove on one end and pull up easily until the two parts for the enclosure pop apart. Pic 1
2. Remove the two screws. Pics 2 & 3.
3. Pull the main board apart from the display board (picture 4). There is a pigtail from the membrane switch that goes from the front of the display board to the main board – do not pull this out.
4. Place the two boards side by side (pic 5).
5. Pull the PLCC chip out of the socket by squeezing the two sides of the chip puller together. Note how the chip is orientated. There is a clipped corner of the chip which must be put back in the socket the same way. (pic 6)
6. Insert the new chip into the socket (pic 7 & 8). Be sure that the clipped corner is in the same position that the old one was. The writing on the chip may be orientated differently but the clipped corner will be in the same place.
7. Put the two boards back together by inserting the mechanical connectors through the holes in the end and then putting the holes on the PCB into the pins of the display. (pic 9).
8. Put the two parts of the enclosure back together.

If you have trouble or this does not work, let me know.

When you start the units back up you will need to press the reset button after applying power.





